DRAFT October 20, 2000

Draft Summary of Potential (b)(2) Fish Actions for Oct 00 – Sep 2001 Water Year

UA = upstream actions (i.e. stream flows to improve anadromous fish habitat)
DA = Delta actions (i.e. export reductions to improve anadromous fish habitat)

Oct – UA - Improve instream flow conditions with releases from CVP reservoirs to improve upstream migration, spawning, and egg incubation for fall-run chinook salmon:

90% forecast - Stanislaus R ~ 15,000 AF of purchased water (b)(3) will be added to the base flow. American R , Sacramento R, and Clear Cr - flow objectives will be met with a combination of hydrology and/or (b)(2) (net change in storage metric)

50% forecast - same as the 90%

Nov – UA - Improve instream flow conditions with releases from CVP reservoirs to improve upstream migration, spawning, and egg incubation for fall-run chinook salmon:

90% forecast - Stanislaus R ~ 3,000 - 4,000 AF of (b)(2) water and purchased water (b)(3) will be added to the base flow. American R , Sacramento R, and Clear Cr - flow objectives will be met with a combination of hydrology and/or (b)(2) (net change in storage metric)

50% forecast - same as the 90%

Dec – UA - Improve instream flow conditions with releases from CVP reservoirs to improve upstream migration, spawning, and egg incubation for fall-run chinook salmon:

90% forecast - Stanislaus R ~ 2,000 - 3,000 AF of (b)(2) water and purchased water (b)(3) will be added to the base flow. American R , Sacramento R, and Clear Cr - flow objectives will be met with a combination of hydrology and/or (b)(2) (net change in storage metric)

50% forecast - same as the 90%

Dec - DA - Curtail CVP exports during critical outmigration periods to increase survival of outmigrating juvenile salmon, particularly the recently listed spring-run chinook salmon:

90% forecast - the amount of CVP export reduction will be determined by a combination of "biological triggers" and the quantity of (b)(2) water available (~ 100,000 AF)

50% forecast - same as the 90%

Jan – UA - Improve instream flow conditions with releases from CVP reservoirs to improve upstream migration, spawning, egg incubation, rearing and outmigration for anadromous fish, including listed runs of chinook salmon and steelhead trout:

90% forecast - Stanislaus R ~ 1,500 - 3,000 AF of (b)(2) water will be added to the base flow. American R , Sacramento R, and Clear Cr - flow objectives will be met with a combination of hydrology and/or (b)(2) (net change in storage metric)

50% forecast - same as the 90%

Jan - DA - curtail CVP exports during critical outmigration periods to increase survival of outmigrating juvenile salmon, particularly the recently listed spring-run chinook salmon:

90% forecast - the amount of CVP export reduction will be determined by a combination of "biological triggers" and the quantity of (b)(2) water available (~ 50,000 AF)

50% forecast - same as the 90%

Feb/Mar – UA - Improve instream flow conditions with releases from CVP reservoirs to improve upstream migration, spawning, egg incubation, rearing and outmigration for anadromous fish, including listed runs of chinook salmon and steelhead trout, and improve conditions for estuarine species:

90% forecast - Stanislaus R, American R , Sacramento R, and Clear Cr - flow objectives will be met with a combination of hydrology and/or (b)(2) (net change in releases metric)

50% forecast - same as the 90%

Apr/May – UA - Improve instream flow conditions with releases from CVP reservoirs to improve upstream migration, spawning, egg incubation, rearing and outmigration for anadromous fish, including listed runs of chinook salmon and steelhead trout, and improve conditions for resident estuarine species:

90% forecast - Stanislaus R, American R , Sacramento R, and Clear Cr - flow objectives will be met with a combination of hydrology and/or (b)(2) (net change in releases metric)

50% forecast - same as the 90%.

Apr/May - DA - Curtail CVP and SWP exports during critical outmigration periods to increase survival of outmigrating juvenile chinook salmon, and other anadromous and resident estuarine fish:

90% forecast - the CVP and SWP exports will be reduced to a combined 1500 cfs for 31 days (consistent with VAMP period) using (b)(2) water. There are additional CVP export reductions in early April and late May ("shoulders on VAMP") using (b)(2) water.

50% forecast - the CVP and SWP exports will be reduced to a combined 2250 cfs for 31 days (consistent with VAMP period) using (b)(2) water. There are additional CVP export reductions in early April and late May ("shoulders on VAMP") using (b)(2) water.

Jun/Jul – UA - Improve instream flow conditions with releases from CVP reservoirs to improve rearing and outmigration for anadromous fish, including steelhead trout, and improve conditions for other anadromous fish and resident estuarine species:

90% forecast - Stanislaus R, American R , Sacramento R, and Clear Cr - flow objectives will be met with a combination of hydrology and/or (b)(2) (net change in releases metric) There is little (b)(2) water available for meeting steelhead temperature objectives.

50% forecast - same as the 90%.

Jun/Jul - DA - Gradually increase (ramp up) CVP exports in June to increase survival of anadromous and resident estuarine fish.

Aug/Sep – UA - Improve instream flow conditions with releases from CVP reservoirs to improve rearing for anadromous fish, including steelhead trout, and improve conditions for other anadromous fish and resident estuarine species:

90% forecast - Stanislaus R, American R, Sacramento R, and Clear Cr - flow objectives will be met with a combination of hydrology and/or (b)(2) (net change in releases metric) There is little (b)(2) water available for meeting steelhead temperature objectives.

50% forecast - same as the 90%.